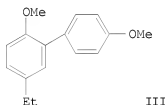
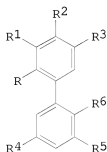
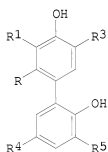


L14 ANSWER 87 OF 90 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1991:81225 CAPLUS <<LOGINID::20080828>>
 DOCUMENT NUMBER: 114:81225
 ORIGINAL REFERENCE NO.: 114:13848h,13849a
 TITLE: Preparation of biphenyldiol derivatives as nerve cell
 degeneration repairing or protecting agents
 INVENTOR(S): Tanaka, Tatsuyoshi; Sakurai, Yoji; Okazaki, Hiroshi;
 Hasegawa, Takashi; Fukuyama, Yoshiyasu
 PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 151 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 382213	A2	19900816	EP 1990-102488	19900208
EP 382213	A3	19920318		
EP 382213	B1	19950510		
R: CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
CN 1044807	A	19900822	CN 1990-100613	19900208
CN 1029227	C	19950705		
US 5053548	A	19911001	US 1990-476913	19900208
JP 04154737	A	19920527	JP 1990-31359	19900208
JP 07103056	B	19951108		
ES 2071688	T3	19950701	ES 1990-102488	19900208
PRIORITY APPLN. INFO.:			JP 1989-28983	A 19890208
			JP 1989-299415	A 19891116
OTHER SOURCE(S): MARPAT 114:81225				
GI				



AB The title compds. I [R1, R5 = alkenyl; R3 = OH, alkoxy, H, (substituted) alkyl, etc.; R4 = H, (substituted) alkyl, Ph, etc.; R = H, alkyl] and II [R1 = H, alkyl, alkenyl, etc.; R2 = OH, alkanoyloxy, alkenyloxy, etc.; R3 = OH, alkoxy, H, etc.; R4 = H, (substituted) alkyl, Ph, etc.; R5 = H, OH, alkyl, alkoxy, etc.; R6 = OH, alkenyloxy, alkanoyloxy, etc.; R = H, alkyl]

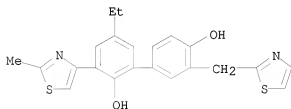
were prepared Treatment of 2-bromo-4-ethylanisole with Mg, followed by reaction with p-bromoanisole in the presence of the complex compound of nickel chloride and 1,3-bis-diphenylphosphinopropane, gives a biphenyl III. 2,3'-Diallyl-3,4'-biphenyldiol in vitro at 10⁻⁶ mol has a strong stimulating effect on the elongation of neurofibril bundle. Formulations containing I are given.

IT 131845-68-6P 131845-94-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as nerve cell degeneration repairing agent)

RN 131845-68-6 CAPLUS

CN [1,1'-Biphenyl]-2,4'-diol, 5-ethyl-3-(2-methyl-4-thiazolyl)-3'-(2-thiazolylmethyl)- (CA INDEX NAME)



RN 131845-94-8 CAPLUS

CN [1,1'-Biphenyl]-4-ol, 5'-ethyl-2'-methoxy-3-(2-methyl-4-thiazolyl)- (CA INDEX NAME)

